

ABSTRACT

A header detection technique for WLAN (Wireless Local Area Network) receivers is provided. The WLAN receiver comprises a signal processing unit that has analog circuitry and digital circuitry. There is further provided a
5 header detection circuit for detecting a header in a received signal. The header detection circuit is comprised in the analog circuitry. In an embodiment, digital circuitry may be woken up based on a header detect signal that is generated by the header detection circuit. The embodiments may reduce the power consumption of the receiver, and the false detection
10 rate.